

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. - 15. (canceled).

16. (currently amended): A display system, comprising:

a touch panel that simultaneously displays a first key group and a second key group, the second key group including a product key and a first switching key, the first switching key switching a display to replace ~~from displaying~~ the second key group with ~~to~~ a third key group on one display; and

a display switching unit that, in response to a pressed the first switching key, replaces the second key group with ~~to~~ the third key group on the display of the touch panel so that the first key group and the third key group are simultaneously displayed.

17. (previously presented): The display system according to claim 16, further comprising:

a key group master memory unit that stores key group master information for the first, the second, and the third key groups;

a displayed key group attribute information storage unit, that stores, as displayed key group attribute information, the key group master information of the first, the second, and the third key groups; and

a operation key attribute obtaining unit that, in response to the pressed first switching key, obtains a link destination attribute and a link destination number in the displayed key group attribute information that corresponds to the first switching key, and outputs the link destination attribute and the link destination number to the display switching unit;

wherein,

the display switching unit that, in response to receiving the link destination attribute and the link destination number from the operation key attribute obtaining unit, reads out from the key group master memory unit, the key group master information designated according to a received link destination attribute and a received link destination number in the displayed key group attribute information that corresponds to the pressed first switching key, and replaces the second key group with the third key group corresponding to the key group master information designated according to the link destination attribute and the link destination number for display.

18. (previously presented): The display system according to claim 16, further comprising:

a price look-up (PLU) master memory unit that stores PLU master information including a product name and a product unit price;

the operation key attribute obtaining unit that, in response to the pressed product key, obtains a link destination attribute and a link destination number in the displayed key group attribute information that corresponds to the pressed product key and outputting the link destination attribute and the link destination number; and

sales processing unit that, in response to receiving the link destination attribute and the link destination number from a operation key attribute obtaining unit, reads out the PLU master information designated according to the link destination attribute and the link destination number in the displayed key group attribute information that corresponds to the pressed product key, and displays the PLU master information on the touch panel.

19. (previously presented): The display system according to claim 17, further comprising:

a key group set master memory unit that stores key group set master information for fifth and sixth key groups,

wherein:

the touch panel that displays the first key group and a fourth key group, the fourth key group including a product key and a second switching key that switches a display from displaying fourth key group to the fifth and sixth key groups on the display;

the key group master memory unit that stores key group master information for the fourth, the fifth, and the sixth key groups;

the operation key attribute obtaining unit that, in response to the pressed second switching key, obtains a link destination attribute and a link destination number in the displayed key group attribute information that corresponds to the second switching key and outputs the link destination attribute and the link destination number to the display switching unit; and

the display switching unit that, in response to receiving the link destination attribute and the link destination number from the operation key attribute obtaining unit, reads out from the key group set master memory unit, the key group set master information designated according to a received link destination attribute and a received link destination number and replaces the fourth key group with the fifth and sixth key groups corresponding to the key group master information designated according to the link destination attribute and the link destination number in the key group set master information.

20. (currently amended): A display method, comprising:

displaying a first key group and a second key group simultaneously, the second key group including a product key and a first switching key, the first switching key configured to switch a display to replace ~~from displaying~~ the second key group with ~~to~~ a third key group on one display; and

replacing the second key group with the third key group on the display of the touch panel, in response to a pressing of the first switching key so that the first key group and the third key group are simultaneously displayed.

21. (previously presented): The display method according to claim 20, further comprising:

storing key group master information for the first, the second, and the third key groups in a key group master memory unit;

storing, as displayed key group attribute information, the key group master information of the first, the second, and the third key groups in a displayed key group attribute information storage unit; and

obtaining a link destination attribute and a link destination number in the displayed key group attribute information that corresponds to a first switching key, and outputting the link destination attribute and the link destination number to a display switching unit, in response to a pressing of the first switching key;

wherein the display switching unit, in response to receiving the link destination attribute and the link destination number from the operation key attribute obtaining unit, reads out from the key group master memory unit, the key group master information designated according to a received link destination attribute and a received link destination number in the displayed key group attribute information that corresponds to the pressed first switching key, and replaces the second key group with the third key group corresponding to the key group master information designated according to the link destination attribute and the link destination number for display.

22. (previously presented): The display method according to claim 20, further comprising:

storing PLU master information including a product name and a product unit price in a price look-up (PLU) master memory unit;

obtaining a link destination attribute and a link destination number in the displayed key group attribute information that corresponds to a pressed product key and outputting the link destination attribute and the link destination number, in response to the pressed product key being pressed; and

reading out the PLU master information designated according to the link destination attribute and the link destination number in the displayed key group attribute information that corresponds to the pressed product key, and displaying the PLU master information on the touch panel, in response to receiving the outputted link destination attribute and the outputted link destination number.

23. (previously presented): The display method according to claim 21, further comprising:

storing key group set master information for fifth and sixth key groups in the key group set master memory unit,

displaying the first key group and a fourth key group, the fourth key group including a product key and a second switching key that switches a display from displaying fourth key group to the fifth and sixth key groups on the display;

storing key group master information for the fourth, the fifth, and the sixth key groups in the key group master memory unit;

obtaining a link destination attribute and a link destination number in the displayed key group attribute information that corresponds to the second switching key and outputting the link destination attribute and the link destination number to the display switching unit, in response to the pressed second switching key being pressed; and

reading out from the key group set master memory unit, the key group set master information designated according to a received link destination attribute and a received link destination number and replacing the fourth key group with the fifth and sixth key groups corresponding to the key group master information designated according to the link destination attribute and the link destination number in the key group set master information, in response to receiving the outputted link destination attribute and the outputted link destination number.